

Fruit juice can change states of matter too. Freeze juice to make a tasty solid, frozen pop. Then measure how fast it melts when you eat it.

WHAT YOU NEED:

- Ice cube tray
- Pop sticks
- Aluminum foil
- Fruit juice
- Stopwatch

WHAT YOU DO:

1. Pour the juice into the ice cube tray.
2. Carefully cover the tray with the aluminum foil so it fits tightly on top.
3. Poke one pop stick into each “cube” through the foil.
4. Put the ice cube tray in the freezer for at least two hours.
5. Carefully remove the foil, and enjoy a juice pop! The heat in your mouth will melt the pop as you eat it. Use the stopwatch to measure how long it takes to melt.
6. Try putting one pop in a bowl on the counter. Does it melt faster or slower than the one you ate?

